HC-012A-1

54*3W White led light

User manual

Please read the instructions carefully before use

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Statement

The product has well capability and intact packing when leave factory. All of the user should comply with warning item and manual, any misuse cause of the damages are not included in our guarantee, and also cannot be responsible for any malfunction & problem owing to ignore the manual.

1. Safety Instructions

Please keep this User Guide for future consultation. If you sell the unit to another user, be sure that they also receive this instruction booklet.

- Unpack and check carefully there is no transportation damage before using the unit.
- Before operating, ensure that the voltage and frequency of power supply match the power requirements of the unit.
- It's important to ground the yellow/green conductor to earth in order to avoid electric shock.
- The unit must be installed in a location with adequate ventilation, at

least 50cm from adjacent surfaces. Be sure that no ventilation slots are blocked.

- Disconnect main power before replacement or servicing.

- Make sure there are no flammable materials close to the unit while operating as it is fire hazard.
- TO Use safety cable when fixing this unit. DO NOT handle the unit by taking its head only, but always by taking its base.

- Maximum ambient temperature is Ta: 40℃. DO NOT operate it where the temperature is higher than this Unit surface temperature may reach up to 85℃. DO NOT touch the housing bare-hand during its operation. Turn off the power and allow about 15 minutes for the unit to cool down before replacing or serving.

- In the event of serious operating problem, stop using the unit immediately. Never try to repair the unit by yourself. Repairs carried out by unskilled people can lead to damage or malfunction. Please contact the nearest authorized technical assistance center. Always use the same type spare parts.

- DO NOT touch any wire during operation as high voltage might be causing electric shock.

Warning:

- To prevent or reduce the risk of electrical shock or fire do not expose the unit to rain or moisture.
- DO NOT open the unit within five minutes after switching off.

- The housing, the lenses, or the ultraviolet filter must be replaced if they are visibly damaged.

Caution:

There are no user serviceable parts inside the unit. DO NOT open the housing

or attempt any repairs yourself. In the unlikely event your unit may require service, please contact your nearest dealer.

Installation:

The unit should be mounted via its screw holes on the bracket. Always ensure that the unit is firmly fixed to avoid vibration and slipping while operating. And make sure that the structure to which you are attaching the unit is secure and is able to support a weight of 10 times of the unit's weight. Also always use a safety cable that can hold 12 times of the weight of the unit when installing the fixture.

The equipment must be fixed by professionals. And it must be fixed at a place where is out of the touch of people and has no one pass by or under it.

2. Technical Specifications

Light Sources: 54X3W White LED
Power Consumption: 162W
Power Voltage: AC 90-240V, 50/60Hz
Size: 270*270*390MM
Packing Dimension: 370*370*490mm

Control
DMX Channel: 7Channel
Control Modes: DMX/auto run/master slave

Construction
Display: Digital panel
Data In/Out socket: 3-pin

Features

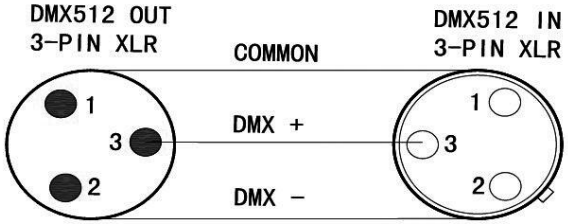
Easy Operation

Dimmer: 0~100% smooth dimming

Humanity Design

3. How to Control the Unit

The DMX512 is widely used in intelligent lighting control, with a DMX 512 controller. Connect several lights together, dmx in and dmx out,
3 pin XLR connectors: Pin 1: GND, Pin 2: Negative signal (-), Pin 3: Positive signal (+)



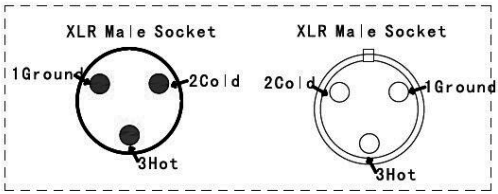


Figure2

XLR Pin Configuration
pin1=Ground
pin2=Data Compliment (negative)
pin3=Data true (positive)

Display:

MENU	To select the programming functions
DOWN	To go backward in the selected functions
UP	To go forward in the selected functions
ENTER	To confirm the selected functions

Set DMX Address Code

1 Press **"Menu"** to "Set DMX Address", and press **"ENTER"** keys to enter into

2 Show "Set DMX Address DMX Address: **001**", Press the "**UP and DOWN**" keys to amended

3 Press **"ENTER** "keys to save and Exit, Press the "**MENU"** Keys does not save and Exit

LED Displayer Function Table **(Choose the function then press Key "D" to Affirm is ok)**		
No.	**Display**	**Function**
1	d001	7CH address code，（001—512） Key B or C to add or reduce the number of address code
2	Tb00	3Color saltus step，（01—99） Key B、C to change the speed of saltus step
3	Zb00	7 Color gradual change，（01—99） Key B、C to change the speed of gradual change
4	ZH00	7 Color compositional change，（01—99） Key B、C to change the speed of compositional change
5	JLbE	7color change by sound control
6	R220	White color choose，（000—255） Keep B、C to change color
7	G220	White color choose，（000—255） Keep B、C to change color
8	B220	White color choose，（000—255） Keep B、C to change color
9	W220	White color choose，（000—255） Keep B、C to change color

DMX512 7 Channel

No.	Function	Instruction manual
CH1	Master dimming	Amber White Master dimming，Linear light，From dark to bright
CH2	Master Strobe	Amber White　Master Strobe，from slow to fast
CH3	Function choose	0—50：DMX 7channel control；51－－100：Saltus step；101—150：Gradual change；151—200：Gradual change；201—255：sound control
CH4	Function speed	Function speed, from slow to fast
CH5	R dimming	White　dimming，Linear light，From dark to bright
CH6	G dimming	White　dimming，Linear light，From dark to bright
CH7	B dimming	White　dimming，Linear light，From dark to bright

4. Trouble shooting

Following are a few common problems that may occur during operation. Here are some suggestions for easy troubleshooting:

A. The unit does not work, no light and the fan does not work

1. Check the connection of power and main fuse.
2. Measure the mains voltage on the main connector.
3. Check the power on LED.

B. Not responding to DMX controller

1. DMX LED should be on. If not, check DMX connectors, cables to see if link properly.
2. If the DMX LED is on and no response to the channel, check the address settings and DMX polarity.
3. If you have intermittent DMX signal problems, check the pins on connectors or on PCB of the unit or the previous one.
4. Try to use another DMX controller.
5. Check if the DMX cables run near or run alongside to high voltage cables that may cause damage or interference to DMX interface circuit.

5. Fixture Cleaning

The cleaning of internal and external optical lenses and/or mirrors must be carried out periodically to optimize light output. Cleaning frequency depends on the environment in which the fixture operates: damp, smoky or particularly dirty surrounding can cause greater accumulation of dirt on the unit's optics.

- **Clean it with soft cloth using normal glass cleaning fluid.**
- **always dry the parts carefully.**
- **Clean the external optics at least every 20 days. Clean the internal optics at least every 30/60 days.**